



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
2222.038000HAPPLICATION NO.
09/848,437FIRST NAMED INVENTOR
Tim W. BLAIRFILING DATE
May 4, 2001ART UNIT
2177**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
HP	AA1	RE32,632	03/1988	Atkinson			
	AB1	4,205,780	06/1980	Burns et al.			
	AC1	4,270,182	05/1981	Asija			
	AD1	4,486,857	12/1984	Heckel			
	AE1	4,533,910	08/1985	Sukonick et al.			
	AF1	4,555,775	11/1985	Pike			
	AG1	4,622,545	11/1986	Atkinson			
HP	AH1	4,736,308	04/1988	Heckel			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
HP	AI1	0239884	10/1987	EP			Yes No
	AJ1	5-135109	06/1993	JP			Yes No
HP	AK1	6-231141	08/1994	JP			Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

HP	AL1	Cohen, "Browsers get BookWorm for Mac," MacWeek, vol. 7, No. 39, Oct. 4, 1993, p. 4.
	AM1	Commands and Settings, OmniPage Professional Windows Version 5, Caere Corporation; Chapter 1, pp. 1-1 to 1-70, 1988-1993.
	AN1	The Complete Document Profiling and Retrieval System for Windows, World Software Corporation, Wordbox, Copyright World Software Corp., 1992.
	AO1	Conklin, "Hypertext: An Introduction and Survey," Computer, pp. 17-41, Sep. 1987.
	AP1	Cooper et al., "Oh! Pascal," pp. 389-399, Jan. 1982.
HP	AQ1	Cote et al., "Searching for Common Threads," Byte, vol. 17, No. 6, Jun. 1992, pp. 290-305.

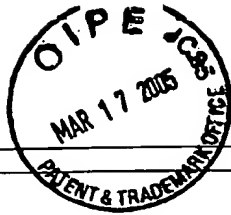
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KP	AA2	4,748,618	05/1988	Brown et al.			
	AB2	4,772,882	09/1988	Mical			
	AC2	4,785,408	11/1988	Britton et al.			
	AD2	4,788,538	11/1988	Klein et al.			
	AE2	4,812,834	03/1989	Wells			
	AF2	4,847,604	07/1989	Doyle			
	AG2	4,868,733	09/1989	Fujisawa et al.			
KP	AH2	4,873,623	10/1989	Lane et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
KP	AI2	8-221435	08/1996	JP			Yes No
	AJ2	WO 98/16890	04/1998	WO			Yes No
KP	AK2	WO 98/44430	10/1998	WO			Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL2	"ZyIndex Developer's Toolkit for Windows, Version 5.0, Programmer's Guide," ZyLab, Copyright 1992, pp. 1-35.
	AM2	Curran, "Growing company changes data entry," ImagingWorld, vol. 4, Issue 3, Mar. 1995.
	AN2	"Dataware Technologies: Products and Services," Dataware Technologies, Copyright 1996.
	AO2	"ZyIndex for Windows User's Guide," ZyLab Division, Copyright 1992, pp. 1-262.
	AP2	Doherty, "New Op-Disk Peripherals Displayed at Conference," Electronic Engineering Times, No. 339, Jul. 22, 1985, p. 15.
KP	AQ2	Duncan, "ZyImage's Use of Windows Interface Falls Short of Mark," LXI Times, vol. 10, Issue 10 May 24, 1993, pp. 70 and 79.

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Thompson

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JP	AA3	4,884,223	11/1989	Ingle et al.			
	AB3	4,899,136	02/1990	Beard et al.			
	AC3	4,914,732	04/1990	Henderson et al.			
	AD3	4,931,783	06/1990	Atkinson			
	AE3	4,935,865	06/1990	Rowe et al.			
	AF3	4,939,507	07/1990	Beard et al.			
	AG3	4,959,769	09/1990	Cooper et al.			
JP	AH3	4,977,455	12/1990	Young			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
JP	AI3	WO 98/55945	12/1998	WO			Yes No
	AJ3	WO/98/34179	08/1998	WO			Yes No
JP	AK3	WO 99/62005	12/1999	WO			Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

JP	AL3	"Eastern Electricity: BRS/Search Customer Profile," Dataware Technologies, Copyright 1995.
	AM3	Editing Recognized Documents, OmniPage Profession Windows Version 5, Caere Corporation, Chapter 3, pp. 3-1 to 3-20, 1988-1993.
	AN3	"EZ-C+DE2 Images: The New Standard in Data Capture," Textware Corporation, Copyright 1994, pp. 1-8.
	AO3	The Fastest, Most Powerful Full Text Retrieval System, ZyIndex 5.2 for Windows, Zylab, 1994.
	AP3	Fersko-Weiss, "3-D Reading with the Hypertext Edge," PC Magazine, vol. 10, No. 10, May 28, 1991, pp. 241-282.
JP	AQ3	Fish et al., Quilt: a collaborative tool for cooperative writing, Conf. on Information Systems '88, pp. 30 to 37, Jan., 1988.

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kp	AA4	4,985,863	01/1991	Fujisawa et al.			
	AB4	4,991,087	02/1991	Burkowski et al.			
	AC4	5,008,853	04/1991	Bly et al.			
	AD4	5,021,989	06/1991	Fujisawa et al.			
	AE4	5,062,060	10/1991	Kolnick			
	AF4	5,072,412	12/1991	Henderson, Jr. et al.			
	AG4	5,120,944	06/1992	Kern et al.			
kp	AH4	5,142,674	08/1992	Barker et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI4						Yes No
	AJ4						Yes No
	AK4						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

kp	AL4	"Forms Processing Products & Services," TextWare Corporation, Copyright 1996.
	AM4	"FormWare for Windows 95/NT," TextWare Corporation, Copyright 1996.
	AN4	"Fuzzy Searching," Executive Technologies, Inc., Last Updated: Jan. 12, 1996.
	AO4	Gerber, "Lotus rolls out gateway for Notes, cc: Mail," InfoWorld, v. 14, n. 46, p. 1(2), Nov. 1992.
	AP4	Halasz et al., "Issues in the Design of Hypermedia Systems," CHI '90 Tutorial, Jan. 1990.
kp	AQ4	Harney, "TextWare's FormWare--Complex Data Capture that Puts Simplicity First," Imaging Magazine, Apr. 1996.

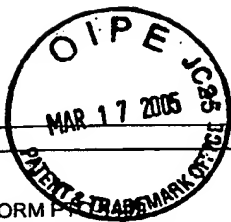
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FORM P-100

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2177**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RP	AA5	5,148,154	09/1992	MacKay et al.			
	AB5	5,155,806	10/1992	Heober et al.			
	AC5	5,157,768	10/1992	Hoeber et al.			
	AD5	5,163,104	11/1992	Ghosh et al.			
	AE5	5,179,643	01/1993	Homma et al.			
	AF5	5,222,160	06/1993	Sakai et al.			
	AG5	5,228,123	07/1993	Heckel			
RP	AH5	5,237,158	08/1993	Kern et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI5						Yes No
	AJ5						Yes No
	AK5						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RP	AL5	Haskin, "Textware 4.0: Text Retrieval for Electronic Documents," Computer Shopper, vol. 13, No. 8, Aug. 1993, pp. 334-335.
	AM5	Haskin, "Zylmage Finds Images And Text," PC-Computing, vol. 6, No. 5, May 1993, p. 60.
	AN5	Help Yourself! With PCT Patent Search On CD-ROM, MicroPatent, New Haven, CT, appears to be before Jul. 1, 1993.
	AO5	"Hip Products," ZyLab Europe BV, Copyright 1996.
	AP5	Holtz, "Mastering Ventura; Second Edition," pp. 360-375, Jan. 1989.
RP	AQ5	How to Install and Use the USAPat Demonstration Disc, USPTO Office of Information Products Development, 1994(?).

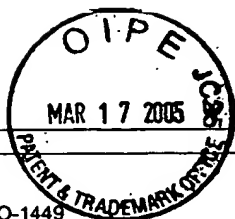
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA6	5,241,671	08/1993	Reed et al.			
	AB6	5,251,294	10/1993	Abelow			
	AC6	5,253,362	10/1993	Nolan et al.			
	AD6	5,276,616	01/1994	Kuga et al.			
	AE6	5,283,894	02/1994	Deran			
	AF6	5,319,745	06/1994	Vinsonneau et al.			
	AG6	5,349,170	09/1994	Kern			
KP	AH6	5,359,508	10/1994	Rossides			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI6						Yes No
	AJ6						Yes No
	AK6						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL6	HyperCard Basics, Apple Computer, Inc., 1990.
	AM6	"IBM Announces Free On-Line Patent Info Service", Communications Media Center at New York Law School Web Page, Mar. 9, 1997.
	AN6	"IDI brings Basis plus down to workgroups," The Seybold Report on Publishing Systems, v. 22, n. 14, p. 16(2), Apr. 1993.
	AO6	Ishii, H., et al., "Clearface: Translucent Multiuser Interface for Team Work Station", Proceedings of the Second European Conference on Computer-Supported Cooperative Work, Sep., 1991, pp. 163-174.
	AP6	"ZyLab: The Full Text Retrieval & Publishing Experts," ZyLab Europe BV, Copyright 1996.
KP	AQ6	Jonckheere, C., "EPOQUE (EPO QUERy Service) the Inhouse Host Computer of the European Patent Office," World Patent Information, vol. 12, No. 3, pp. 155-157, 1990.

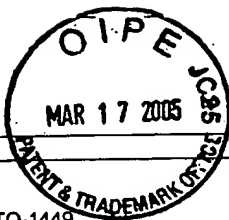
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2177**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA7	5,392,428	02/1995	Robins			
	AB7	5,402,336	03/1995	Spiegelhoff et al.			
	AC7	5,404,295	04/1995	Katz et al.			
	AD7	5,404,514	04/1995	Kageneck et al.			
	AE7	5,428,778	06/1995	Brookes			
	AF7	5,432,897	07/1995	Tatsumi et al.			
	AG7	5,440,481	08/1995	Kostoff et al.			
KP	AH7	5,442,778	08/1995	Pedersen et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI7						Yes No
	AJ7						Yes No
	AK7						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL7	Karraker, "Voyager Toolkit stretches Expanded Book concept to let users pen their own," MacWeek, vol. 6, No. 11, Mar. 16, 1992, p. 9.
	AM7	Knibbe, "Zylmage 2 boosts OCR, batch duties," InfoWorld, vol. 15, Issue 51, Dec. 20, 1993, p. 20.
	AN7	Knibbe, "Zylmage 3.0 will facilitate distribution on CD-ROMs; Boasts integration with WordScan OCR software," InfoWorld, vol. 16, No. 38, Sep. 19, 1994, p. 22.
	AO7	Lexis-Nexis Printout of a Business Wire Article Entitled: TMS Announces Contract With Major Insurance Information Provider, Business Wire Inc., Feb. 11, 1991.
	AP7	Lexis-Nexis Printout of a Business Wire Article Entitled: TMS Announces Easy View Available for CD-ROM Publishers, Business Wire Inc., Mar. 9, 1992.
KP	AQ7	Lexis-Nexis Printout of a Business Wire Article Entitled: TMS Announces Release of Inner View 2.1 Software, Business Wire Inc., Mar. 18, 1991.

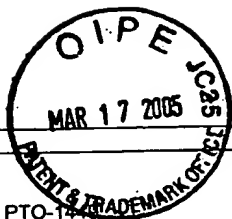
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FORM PTO-144

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA8	5,444,615	08/1995	Bennett et al.			
	AB8	5,444,779	08/1995	Daniele			
	AC8	5,481,666	01/1996	Nguyen et al.			
	AD8	5,511,186	04/1996	Carhart et al.			
	AE8	5,519,857	05/1996	Kato et al.			
	AF8	5,530,520	06/1996	Clearwater			
	AG8	5,537,526	07/1996	Anderson et al.			
KP	AH8	5,544,302	08/1996	Nguyen			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI8						Yes No
	AJ8						Yes No
	AK8						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL8	Lougher et al., Supporting long-term collaboration in software maintenance, Conf. on Organizational Computing Systems, pp. 228-238, 1993.
	AM8	"ZyLab retrieval engine optimized for CD-ROM; ZyLab, Progressive Technologies merge," Seybold Report on Desktop Publishing, vol. 8, No. 10, Jun. 6, 1994, p. 40.
	AN8	McEvoy, Ed., Object Linking and Embedding: Programmer's Reference, Version 1, Microsoft Press, Redmond, WA, Copyright 1992.
	AO8	Mallory, "New for Mac: text/graphics retrieval software from TMS," Newsbytes, Jul. 1992.
	AP8	Marshall, "Text retrieval alternatives: 10 more ways to pinpoint important information," Infoworld, vol. 14, No. 12, Mar. 23, 1992, pp. 88-89.
KP	AQ8	Marshall, "ZyImage adds scanning access to ZyIndex," InfoWorld, vol. 16, No. 15, Apr. 11, 1994, pp. 73, 76, and 77.

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KP	AA9	5,544,352	08/1996	Egger			
	AB9	5,550,976	08/1996	Henderson et al.			
	AC9	5,551,055	08/1996	Matheny et al.			
	AD9	5,557,722	09/1996	DeRose et al.			
	AE9	5,557,785	09/1996	Lacquit et al.			
	AF9	5,559,942	09/1996	Gough et al.			
	AG9	5,568,639	10/1996	Wilcox et al.			
KP	AH9	5,576,954	11/1996	Driscoll			

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	AI9						Yes No
	AJ9						Yes No
	AK9						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL9	Marshall, "Zylmage is ZyIndex plus a scan interface integrated," InfoWorld, vol. 15, Issue 10, Mar. 8, 1993, p. 100.
	AM9	Marshall et al., "ZyIndex for Windows, Version 5.0," InfoWorld, v. 15, n. 21, May 1993, pp. 127, 129, 133 and 137.
	AN9	"MasterView for Microsoft Windows," TMS Inc., Copyright 1993.
	AO9	Matazzoni, "Expanded Book Toolkit 1.0.1," Macworld, vol. 10, No. 6, Jun., 1993, p. 158.
	AP9	Mendelson, "HyperWriter for Windows," PC Magazine, vol. 14, No. 3, Feb. 7, 1995, pp. 140, 142, and 143.
KP	AQ9	Moore, "Dataware lands \$6.6M GPO pact," Federal Computer Week, vol. 9, No. 27, Sep. 11, 1995, pp. 84 and 86.

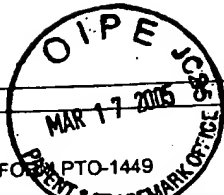
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kp	AA10	5,581,686	12/1996	Koppolu et al.			
	AB10	5,583,982	12/1996	Matheny et al.			
	AC10	5,584,035	12/1996	Duggan et al.			
	AD10	5,592,607	01/1997	Weber et al.			
	AE10	5,592,608	01/1997	Weber et al.			
	AF10	5,594,837	01/1997	Noyes			
	AG10	5,596,700	01/1997	Damell et al.			
kp	AH10	5,604,901	02/1997	Kelley et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI10						Yes No
	AJ10						Yes No
	AK10						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

kp	AL10	Moore, "The Forms Processing Paradigm Shift," Imaging Magazine, Mar. 1995.
	AM10	"NetAnswer Hosting Service," Dataware Technologies, Inc., Copyright 1995.
	AN10	"NetAnswer: Information Super Server for the World Wide Web," Dataware Technologies, Inc., Copyright 1995.
	AO10	"NetAnswers: Organizations Worldwide Take Content Onto the Web with NetAnswer," Dataware Technologies, Spring 1996.
	AP10	OmniPage Professional Tutorials, Windows Version 5, Caere Corp.
kp	AQ10	Ores, "Hypertext Publishing: Edit Trail," PC Magazine, vol. 14, No. 3, Feb. 7, 1995, pp. 132, 134, 136, and 138.

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FORM PTO-101
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA11	5,615,112	03/1997	Lui Sheng et al.			
	AB11	5,615,362	03/1997	Jensen et al.			
	AC11	5,619,632	04/1997	Lamping et al.			
	AD11	5,623,679	04/1997	Rivette et al.			
	AE11	5,623,681	04/1997	Rivette et al.			
	AF11	5,628,003	05/1997	Fujisawa et al.			
	AG11	5,630,125	05/1997	Zellweger			
KP	AH11	5,632,031	05/1997	Velissaropoulos et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI11						Yes No
	AJ11						Yes No
	AK11						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL11	Patents on CD-ROM, Track Technology, Focus R&D, Watch Competitors, Speed Products to Market, Cut Online/Copy Costs, A World of Opportunities from MicroPatent, MicroPatent USA, New Haven, CT, appears to be before Sep. 1, 1992.
	AM11	PatentImages, User Profile European Patents, Search & Tech Tips, Conference Calendar, MicroPatent World Newsletter, Spring 1991, New Haven, CT.
	AN11	A. Pelham, A Wave of the Wand for Litigators. Tools of the Trade Go High-Tech, Focus on Technology, Legal Times, Jan. 24, 1994.
	AO11	Perenson, "Retrieving Text on the Net," PC Magazine, vol. 14, No. 20, Nov. 21, 1995, p. 61.
	AP11	Previewing the Letter, WordPerfect Workbook for IBM Personal Computers, WordPerfect Corporation, Version 5.0, Lesson 4, p. 24, and Lesson 13, pp. 108-109, 1988.
KP	AQ11	Print out of On-Line Help Manual, Innerview for Windows 3.0, Version 2.2, Pre-Release #6, TMS, Inc. 1991-1992.

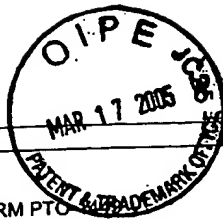
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FORM PTO

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2222.038000HAPPLICATION NO.
09/848,437FIRST NAMED INVENTOR
Tim W. BLAIRFILING DATE
May 4, 2001ART UNIT
2177

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA12	5,634,012	05/1997	Stefik et al.			
	AB12	5,638,519	06/1997	Haluska			
	AC12	5,642,502	06/1997	Driscoll			
	AD12	5,692,176	11/1997	Holt et al.			
	AE12	5,696,963	12/1997	Ahn			
	AF12	5,721,910	02/1998	Unger et al.			
	AG12	5,732,216	03/1998	Logan et al.			
KP	AH12	5,748,956	05/1998	Lafer et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI12						Yes No
	AJ12						Yes No
	AK12						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL12	Quattro Pro User's Guide, Borland Int'l, Inc., pp. 240-245, Jan. 1989.
	AM12	"re:Search V. 2.6," Software Product Specification, Computer Select, Jan. 1993.
	AN12	Rooney, "Text-retrieval veterans prepare Windows attack," PC Week, v. 9, n. 24, p. 46, Jun. 1992.
	AO12	Rooney, "ZyLab partners with Calera: firms roll out document-image system," PC Week, vol. 10, No. 3, Jan. 25, 1993, p. 22.
	AP12	Schroeder, "Low Price Point Is Key for Buyers Of Text Databases," PC Week, vol. 8, No. 20, May 20, 1991, pp. 120 and 122.
KP	AQ12	Schroeder, "Multimedia offerings target expanded platform support," PC Week, vol. 10, No. 13, Apr. 5, 1993, pp. 59 and 73.

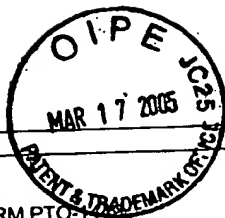
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA13	5,754,840	05/1998	Rivette et al.			
	AB13	5,761,497	06/1998	Holt et al.			
	AC13	5,765,152	06/1998	Erickson			
	AD13	5,774,833	06/1998	Newman			
	AE13	5,794,257	08/1998	Liu et al.			
	AF13	5,808,615	09/1998	Hill et al.			
	AG13	5,826,252	10/1998	Wolters, Jr. et al.			
KP	AH13	5,832,476	11/1998	Tada et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI13						Yes No
	AJ13						Yes No
	AK13						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL13	Schwartz, "Dataware Plants CD-ROM Seeds," Computer Systems News, No. 403, Feb. 6, 1989, p. 33.
	AM13	Search Results from Dialog Search for MicroPatent for News Releases and Corporate Announcements Relating to APS, FullText, PatentImages, Espace, Dialog Files: 148, 479 and 648, 1989-1991.
	AN13	Simon, "Zylmage: A Winning Combination of OCR And Text Indexing," PC Magazine, vol. 12, No. 6, Mar. 30, 1993, p. 56.
	AO13	Simpson, Mastering WordPerfect 5.1 & 5.2 for Windows, p. 58.
	AP13	Somers, "Personal Text-Retrieval Software Works with Calera's WordScan," PC Magazine, vol. 14, No. 2, Jan. 24, 1995, p. 68.
KP	AQ13	Spencer, "Tijuana data entry shop logs 500K forms/day," ImagingWorld, vol. 4, Issue 4, Apr. 1995.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA14	5,848,409	12/1998	Ahn			
	AB14	5,870,770	02/1999	Wolfe			
	AC14	5,875,431	02/1999	Heckman et al.			
	AD14	5,892,900	04/1999	Ginter et al.			
	AE14	5,933,841	08/1999	Schumacher et al.			
	AF14	5,990,897	11/1999	Hanratty			
	AG14	5,991,751	11/1999	Rivette et al.			
KP	AH14	5,999,907	12/1999	Donner			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI14						Yes No
	AJ14						Yes No
	AK14						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL14	Spitzer, "Needles in Document Haystacks" DBMS, vol. 9, No. 1, Jan., 1996, pp. 84-87.
	AM14	Sullivan, "Dataware's CD Author System To Boast Hypertext Capability," PC Week, vol. 8, No. 31, Aug. 5, 1991, pp. 31-32.
	AN14	"Text Retrieval Products & Services," TextWare Corporation, Copyright 1996.
	AO14	"TextWare: Instant Information Access," TextWare Corporation, Copyright 1995.
	AP14	"TextWare Pricing," TextWare Corporation, Effective Mar. 26, 1996.
KP	AQ14	Thompson et al., Full Write Professional--A User's Guide, pp. 99-122, 1988.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA15	6,003,033	12/1999	Amano et al.			
	AB15	6,006,257	12/1999	Slezak			
	AC15	6,041,323	03/2000	Kubota			
	AD15	6,067,528	05/2000	Breed et al.			
	AE15	6,078,913	06/2000	Aoki et al.			
	AF15	6,151,595	11/2000	Pirolli et al.			
	AG15	6,169,995	01/2001	Yoshimura et al.			
KP	AH15	6,279,014	08/2001	Schilit et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI15						Yes No
	AJ15						Yes No
	AK15						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL15	Torgan, "Zylmage: Document Imaging and Retrieval System," PC Magazine, vol. 12, No. 3, Feb. 9, 1993, p. 62.
	AM15	"Toshiba America Information Systems: CD-ROM Customer Profile," Dataware Technologies, Copyright 1995.
	AN15	"Total Recall," Dataware Technologies, Copyright 1995.
	AO15	Tredennick, Jr., J. C., Full-Text Search and Retrieval Winning Big with Computers, Law Practice Management, vol. 19, No. 8, Nov./Dec., 1993.
	AP15	Tribute, "Searching CeBit for publishing products; Power Mac draws the crowds at Hannover show," Seybold Report on Publishing Systems, vol. 23, No. 15, Apr. 22, 1994, pp. 5-8.
KP	AQ15	Ueda, H., et al., "An Interactive Natural-Motion-Picture Dedicated Multi-Media Authoring System", Human Factors in Computing Systems--Reaching Through Technology Conference Proceedings, Mar., 1991, pp. 343-350.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KP	AA16	6,282,545	08/2001	Coats			
KP	AB16	6,556,992	04/2003	Barney et al.			
	AC16						
	AD16						
	AE16						
	AF16						
	AG16						
	AH16						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI16						Yes No
	AJ16						Yes No
	AK16						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL16	Understanding OCR, OmniPage Professional Windows Version 5, Caere Corporation, Chapter 6, pp. 6-1 and 6-8 and Glossary pp. 1-8, 1988-1993.
	AM16	"Voyager cd-roms," Voyager, Spring, 1996.
	AN16	"Voyager: cd-rom catalog," Voyager, 1996-1997.
	AO16	R. W. Wiggins, "Networked Hypermedia: The World-Wide Web and NCSA Mosaic", from The Internet for Everyone--A Guide for Users and Providers, Chapter 13, pp. 245-290, McGraw-Hill, Inc., 1995.
	AP16	"WorldView V. 1.1 and WorldView Press V. 1.0.2," Software Product Specification, Computer Select, Nov. 1993.
KP	AQ16	Young, "UK Police Put Criminals On-Line With New National Computer," Imaging Magazine, Aug. 1995.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AB17					
	AC17					
	AD17					
	AE17					
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI17					Yes No
	AJ17					Yes No
	AK17					Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL17	"Zylmage," ZyLab International, Inc., Copyright 1996.
	AM17	"Zylmage: Common Questions Asked About Zylmage," ZyLab Europe BV, Copyright, 1996.
	AN17	"MicroPatent: Providers of Patent and Trademark Information", from http://www.micropat.com/info/mission.htm , Printed Dec. 6, 1996.
	AO17	"Where will we be?", from http://www.micropat.com/info/shows.htm , 1996.
	AP17	"Why should you be interested in Patent Information?", from http://www.micropat.com/info/interested.htm , Printed Dec. 6, 1996.
KP	AQ17	"Patent Searching and Document Delivery Resources", from http://www.micropat.com/info/websrch.htm , 1996.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA18						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI18						Yes No
	AJ18						Yes No
	AK18						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL18	"MicroPatent's CD-ROM Products", from http://www.micropat.com/info/about.htm , 1996.
	AM18	"PatentQuery: Search & Deliver", from http://www.micropat.com/info/prelegal.htm , Printed Dec. 6, 1996.
	AN18	"MicroPatent PatentWeb and Trademark Web Service Agreement", from http://www.micropat.com/cgi-bin/servagree , Printed Dec. 6, 1996.
	AO18	"United States MicroPatent® Representatives", from http://www.micropat.com/info.usreps.htm , Printed Dec. 6, 1996.
	AP18	"Canadian MicroPatent® Representatives", from http://www.micropat.com/info/canreps.htm , Printed Dec. 6, 1996.
KP	AQ18	"European MicroPatent® Representatives", from http://www.micropat.com/info/epreps.htm , Printed Dec. 6, 1996.

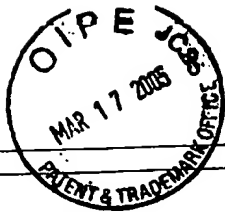
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI19						Yes No
	AJ19						Yes No
	AK19						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL19	"Asian MicroPatent® Representatives", from http://www.micropat.com/info.asreps.htm , Printed Dec. 6, 1996.
	AM19	"REAL Software Systems, Inc.", from http://www.elcamino.com/rss/ , Copyright 1995, 1997, (2 Pages).
	AN19	"Intellectual Property Management Issues", from http://www.elcamino.com/rss/2.htm , Copyright 1995, 1997, (2 Pages).
	AO19	"Solutions For Managing Intellectual Property", from http://www.elcamino.com/rss/3.htm , Copyright 1995, 1997, (2 Pages).
	AP19	"REAL Software Systems, Inc.: Royalties Payable", from http://www.elcamino.com/rss/3a.htm , Copyright 1995, 1997, (4 Pages).
KP	AQ19	"REAL Software Systems, Inc.: Alliant Participation Management & Accounting", from http://www.elcamino.com/rss/3b.htm , Copyright 1995, 1997, (4 Pages).

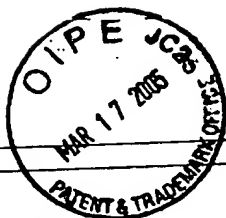
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Thurman

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA20						
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	AG20						
	AH20						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI20						Yes No
	AJ20						Yes No
	AK20						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RP	AL20	"REAL Software Systems, Inc.: Rights Licensing", from http://www.elcamino.com/rss/3c.htm , Copyright 1995, 1997, (3 Pages).
	AM20	"REAL Software Systems, Inc.: Home Video & Title Based Distribution", from http://www.elcamino.com/rss/3d.htm , Copyright 1995, 1997, (3 Pages).
	AN20	"Specialized Services", from http://www.elcamino.com/rss/4.htm , Copyright 1995, 1997, (2 Pages).
	AO20	"What our customers say about us.", from http://www.elcamino.com/rss/5.htm , Copyright 1995, 1997, (2 Pages).
	AP20	Samtani, Rajan, "Following the Money: Managing Intellectual Property in the Digital Age", from http://www.elcamino.com/rss/7a.htm , Copyright 1995, 1997, (5 Pages).
RP	AQ20	"IBM Selects RSS's Royalties Payable Solution: Real Software Systems Provides IBM with WorldWide Software Royalty Payments Solution", from http://www.elcamino.com/rss/7b.htm , Nov. 18, 1996, (2 Pages).

EXAMINER

Michael J. Blair

DATE CONSIDERED

9/22/05

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA21					
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	AC21					
	AD21					
	AE21					
	AF21					
	AG21					
	AH21					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI21					Yes No
	AJ21					Yes No
	AK21					Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL21	"Universal Selects RSS To Provide Worldwide Television Licensing Solution", from http://www.elcamino.com/rss/7c.htm , Apr. 30, 1997, (2 Pages).
	AM21	"Agent Searching," Executive Technologies, Inc., Last Updated: Jan. 12, 1996.
	AN21	Alpert, M., CD-ROM: The Next PC Revolution, Fortune Magazine, Jun. 29, 1992.
	AO21	Dialog Pocket Guide, by Knight-Ridder Information, Inc., Copyright 1995.
	AP21	Alexander, M., "Visualizing Cleared-Off Desktops", Computerworld, May 6, 1991, p. 20.
KP	AQ21	Banet, "Creating a CD-ROM: overview of the product field," The Seybold Report on Desktop Publishing, v. 7, n. 6, p. 3(29), Feb. 1993.

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	AA22						
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	AE22						
	AF22						
	AG22						
	AH22						

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI22						Yes No
	AJ22						Yes No
	AK22						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

kp	AL22	Becker, "Voyager kit: Ticket to books on-line," MacWeek, vol. 7, No. 8, Feb. 22, 1993, p. 57.
	AM22	Berk et al. eds., Hypertext/Hypermedia Handbook, pp. 209-224, 285-297, 329-355, 529-533, Jan. 1991.
	AN22	Bermant, "Finding It Fast: New Software Features That Search Your System," Personal Computing, vol. 11, No. 11, Nov. 1987, pp. 125-131.
	AO22	Bish, "An Essential ingredient: Post recognition processing," Imaging World, vol. 5, Issue 3, Mar. 1996.
	AP22	Blatt, J., A Primer on User Interface Software Patents, The Computer Lawyer, vol. 9, No. 4, Apr. 1992.
kp	AQ22	Boedeker et al., "Choosing Imaging Software," Law Office Computing, vol. 5, Issue 3, Jun./Jul., 1995, pp. 50-55.

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	AA23						
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	AI23						Yes No
	AJ23						Yes No
	AK23						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

kp	AL23	"Boolean Searching," Executive Technologies, Inc., Last Updated: Jan. 12, 1996.
	AM23	Bradbury, "Expanded Book Toolkit," MacUser, vol. 9, No. 3, Mar., 1993, p. 85.
	AN23	Briggs, "CD-ROM publishing boom is Dataware's delight," MIS Week, vol. 10, No. 38, Sep. 25, 1989, pp. 40-41.
	AO23	Briggs, "Dataware Comes to U.S. With CD-ROM Publishing," MIS Week, vol. 10, No. 5, Jan. 30, 1989, p. 21.
	AP23	Brockschmidt, Inside OLE 2, Microsoft Press, Redmond, WA, Copyright 1994.
kp	AQ23	Brockschmidt, "What OLE Is Really About," OLE Development, Microsoft Corporation, Copyright 1997, pp. 1-59.

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	AA24						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI24						Yes No
	AJ24						Yes No
	AK24						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL24	"BRS/Search: An Industrial Strength Document Warehouse Solution--Profile," Dataware Technologies, Copyright May 1996, pp. 1-12.
	AM24	"BRS/Search," Dataware Technologies, Inc., date unclear.
	AN24	Catchings et al., "Price Delineates Text-Retrieval Software," PC Week, vol. 8, No. 20, May 20, 1991, pp. 120-123.
	AO24	Catchings et al., "Retrieval Technologies Inc.: re:Search 2.0," PC Week, v. 8, n. 20, p. 121(2), May 1991.
	AP24	Catlin et al., InterNote: Extending A Hypermedia Framework to Support Annotative Collaboration, Hypertext '89 Proceedings, pp. 365 to 378, Nov., 1989.
KP	AQ24	"CD Author/CD Answer," Dataware Technologies, date unclear.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2222.038000H

APPLICATION NO.
09/848,437

FIRST NAMED INVENTOR
Tim W. BLAIR

FILING DATE
May 4, 2001

ART UNIT
2177

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA25						
	AB25						
	AC25						
	AD25						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI25						Yes No
	AJ25						Yes No
	AK25						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL25	Kramer, J., "An Evaluation of the Internet as a Searching Tool for Patents and Intellectual Property: Alternative or Complementary?", from http://www.fplc.edu/ipmail/ipcorner/evals97/ipsi97/internetpatsearch.htm , Publication date appears to be before Jun. 2, 1997, Downloaded May 8, 1998.
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	AP25	"Advanced Patent Data Mining and Visualization Capabilities for Information Users," Apparent Press Release, London, apparent publication date of Dec. 3, 1996 (printed from Manning & Napier Information Services web page at www.mnis.net).
KP	AQ25	"Business Objects Announces Data Mining Partnership With DataMind Corporation," Apparent Press Release, Cupertino, CA, apparent publication date of May 20, 1996 (printed from DataMind web page at www.datamindcorp.com).

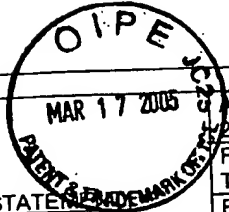
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	AA26						
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	AI26						Yes No
	AJ26						Yes No
	AK26						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL26	"Business Objects to Offer Data Mining for the Masses," Apparent Press Release, San Jose, CA, apparent publication date of Nov. 18, 1996 (printed from Business Objects web page at www.businessobjects.com).
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	AI27						Yes No
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HP	AL27	Edvinsson, Leif et al., Intellectual Capital: Realizing Your Company's True Value By Finding Its Hidden Brainpower, HarperBusiness, New York, NY, 1997.
	AM27	Kim et al., "Patent Technology Portfolio for SAW Filters," Proceedings 1994 IEEE Ultrasonics Symposium, vol. 1, pp. 139-142, 1994.
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	AA28					
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI28					Yes No
	AJ28					Yes No
	AK28					Yes No

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KP	AL28	Stewart, Thomas A., Intellectual Capital: The New Wealth of Organizations, Doubleday, 1997.
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	AI29						Yes No
	AJ29						Yes No
	AK29						Yes No

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<i>KP</i>	AL29	Warshofsky, Fred, The Patent Wars: The Battle to Own the World's Technology, John Wiley & Sons, Inc., 1994.
	AM29	M. Albert, "Easy to Patents", Fortune Magazine, Jun. 1992.
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	AI30						Yes No
	AJ30						Yes No
	AK30						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

kp	AL30	"CHI Research, Inc.: Tracking the World's Technology", from http://www.chiresearch.com , Date Unknown.
	AM30	"CHI Research, Inc.: Technology Indicators Consulting Services and Products", from http://www.chiresearch.com/services.html , Copyright 1996.
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	AI31						Yes No
	AJ31						Yes No
	AK31						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL31	"Manning & Napier Information Services: Competitive Intelligence", from http://www.mnis.net/compete.shtml , Date Available on Internet Unknown.
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	AI32						Yes No
	AJ32						Yes No
	AK32						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

18	AL32	"Manning & Napier Information Services: Competitive Intelligence Tools Migrating from Government Labs to Corporations", from http://www.mnis.net/press8.shtml , May 15, 1997.
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	AO32	"Manning & Napier Information Services: Manning & Napier Offers Broad Coverage of Computer and Software Technology Databases", from http://www.mnis.net/press5.shtml , Dec. 3, 1996.
	AP32	"Manning & Napier Information Services: Innovative Technology Tool Unveiled", from http://www.mnis.net/press4.shtml , Dec. 3, 1996.
18	AQ32	"Manning & Napier Information Services: Zolowicz To Head Intellectual Property Unit at Manning & Napier Information Services", from http://www.mnis.net/press3.shtml , Nov. 18, 1996.

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Frankham

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	AI33						Yes No
	AJ33						Yes No
	AK33						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

HP	AL33	"Manning & Napier Information Services: Breakthrough in Intelligent Information Analysis From Software That Thinks Like Humans", from http://www.mnis.net/press2.shtml , Sep. 16, 1996.
	AM33	"Manning & Napier Information Services: MNIS Announces System for Improving Software Patents--At ABA Conference", from http://www.mnis.net/press.shtml , Jun. 28, 1996.
	AN33	"Master Data Center: PC Master Patent Lite for Windows", Master Data Center, Date Unknown.
	AO33	Master Data Center: PC Master Trademark Lite for Windows, Master Data Center, Date Unknown.
	AP33	MDC Patent Rules Update, May 1996.
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	AI34						Yes No
	AJ34						Yes No
	AK34						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL34	Mogee Research & Analysis Associates, Homepage URL: http://www.mogee.com , (What We Do) and Hyperlinks (Who We Are(1); Who We Are(2); Competitive Technology Reports; Competitive Technology Report:GPS; Competitive Technology Report:Medical Implants; Data resources; Consulting Services), 1996.
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KP	AQ34	PC Master Lite Booklet, Master Data Center Intellectual Property Software and Services, 1996.

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	AI35						Yes No
	AJ35						Yes No
	AK35						Yes No

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KP	AL35	"Performance Management: The Way It Should Be . . .", Panorama Business Views, Inc., Date Unknown.
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	AP35	SmartPatent Quarterly Newsletter, vol. 2, No. 4, Spring/Summer 1997. Stewart, T.A., "Getting Real About Brainpower", Fortune, Nov. 27, 1995, (pp. 201-203).
KP	AQ35	Stewart, T.A., "Getting Real About Brainpower", Fortune, Nov. 27, 1995, (pp. 201-203).

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	AI36					Yes No
	AJ36					Yes No
	AK36					Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

kp	AL36	Stewart, T.A., "Mapping Corporate Brainpower", Fortune, Oct. 30, 1995, (pp. 209-211).
	AM36	Vantive Corporation Home Page (Delivering True Customer Asset Management) and Various Hyperlinks (Vantive Products and Services; Solution Partners; Vantive HelpDesk; Vantive Sales; Free White Paper), Vantive, 1996.
	AN36	"Welcome to ISTA", from http://www.netaxs.com/.about.aengel/ista.htm , Date Unknown.
	AO36	"Welcome to the MicroPatent PatentWeb", from http://www.micropat.com/patentwebindex.htm , 1996.
	AP36	"Welcome to MicroPatent's PatentWeb. . . . for Patent Information", from http://www.micropat.com/info/welcome.htm , Printed Dec. 6, 1996.
kp	AQ36	"The History of MicroPatent", from http://www.micropat.com/info/history.htm , Printed Dec. 6, 1996.

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	AI37						Yes No
	AJ37						Yes No
	AK37						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL37	"A Few Facts About MicroPatent", from http://www.micropat.com/info/facts.htm , Printed Dec. 6, 1996.
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	AO37	Alpert, M., Easy Access to Patents, Fortune Magazine, Jun. 29, 1992.
	AP37	Dintzner, J.P. and J. Van Thielen, "Image Handling at the European Patent Office: Bacon and First Page," World Patent Information, vol. 13, No. 3, pp. 152-154, 1991.
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FIRST NAMED INVENTOR
Tim W. BLAIR

FILING DATE
May 4, 2001

ART UNIT
2177

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA38						
	AB38						
	AC38						
	AD38						
	AE38						
	AF38						
	AG38						
	AH38						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AI38						Yes No
	AJ38						Yes No
	AK38						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

kp	AL38	Ishii, H., et al., Toward an Open Shared Workspace, Communications of the ACM, Dec., 1991, vol. 34, No. 12, pp. 37-50.
	AM38	Patrick P. Chan, "Learning Considerations In User Interface Design: The Room Model", Software Portability Laboratory, University of Waterloo, Waterloo, Ontario, Canada, Jul. 1984.
	AN38	Sibley, J.F., "The EPOQUE Suite of Applications," World Patent Information, Elsevier Science Ltd., 1996, vol. 18, No. 3, pp. 141-148.
	AO38	Sibley, J.F., "STN Express 4.0, a professional software for successful online searches," World Patent Information, Elsevier Publishing, Mar. 1, 1997, vol. 19, No. 1, pp. 73-75.
	AP38	Williams, J. et al., "STN Easy: point-and-click patent searching on the World Wide Web," World Patent Information, Elsevier Science Ltd., 1997, vol. 19, No. 3, pp. 161-166.
kp	AQ38	Copy of International Search Report from PCT Appl. No. PCT/US00/05080, 6 pages, mailed Dec. 18, 2000.

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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
 2222.038000H

APPLICATION NO.
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	AI39						Yes No
	AJ39						Yes No
	AK39						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RP	AL39	Iandiorio, Joseph S., "From Start to Finish: Protecting Ideas and Inventions wit Intellectual Property ," Electro/95 International Professional Program Proceedings, Jun. 21-23, 1995, Hynes Convention Center, Boston, MA, pp. 141-149.
	AM39	Narin, F. et al., "Technological Performanc Assessments Based on Patents and Patent Citations," <i>IEEE Transactions on Engineering Management</i> , Vol. EM-31, No. 4, November 1984, pp. 172-183.
	AN39	Jordan, K.A. and Zawilski, A.J., "Specification of a Rapid Prototyping Capability for the Automated Patent System," <i>IEEE</i> , 1990, pp. 76-81.
	AO39	Liebeherr, J. et al., "The Effect of Index Partitioning Schemes on the Performing of Distributed Query Processing," <i>IEEE Transactions on Knowledge and Data Engineering</i> , Vol. 5, No. 3, June 1993, pp. 510-522.
	AP39	Bobbie, P.O., "Clustering Relations of Large Databases for Parallel Querying," <i>Proceedings of the Twenty-Seventh Annual Hawaii International Conference on System Sciences</i> , 1994, pp. 246-252.
RP	AQ39	Omiecinski, E. et al., "Performance Analysis of a Concurrent File Reorganization Algorithm for Record Clustering," <i>IEEE Transactions on Knowledge and Data Engineering</i> , Vol. 6, No. 2, April 1994, pp. 248-257.

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	AI40						Yes No
	AJ40						Yes No
	AK40						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL40	Stefanov, V. "Some Possibilities of a "Patents" Database in Determining a Firm's Policy," <i>World Patent Information</i> , Vol. 17, No. 3, 1995, pp. 201-204.
	AM40	Myls, R., <i>Information Engineering Case Practices And Techniques</i> , Wiley-Interscience, ISBN 0-471-58711-7, pp. 180-201.
	AN40	Grunder, O. et al., "An Approach To Model And Evaluate Innovation And Concurrent Engineering Projects," <i>Emerging Technologies and Factory Automation</i> , Vol. 1, October 10-13, 1995, pp. 155-163.
	AO40	Albano, R.E. and Keska, J.P., "Is design realization a process? A case study," <i>Electronic Manufacturing Technology Symposium</i> , September 25-27, 1989, pp. 344-354.
	AP40	WELCOME! TextWare Corporation, from http://www.textware.com/ , printed October 29, 1996, 1 page.
KP	AQ40	English Abstract for Japanese Patent Publication No. 05-135109, supplied by the Japanese Patent Office, 2 pages.

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	AJ41						Yes No
	AK41						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

KP	AL41	English Abstract for Japanese Patent Publication No. 06-231141, supplied by the Japanese Patent Office, 2 pages.
KP	AM41	English Abstract for Japanese Patent Publication No. 08-221435, supplied by the Japanese Patent Office, 2 pages.
	AN41	
	AO41	
	AP41	
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